GIG Tactical Edge Networks and Ship-to-Objective Maneuver

J. Kevin Smith
Director, C4I SE&I
Marine Corps Systems Command

What is STOM?

Presents MCCDC Video on STOM.

What's the Problem?

- The concept requires tactical data to be delivered to the passengers of high-speed aircraft and landing craft in order to allow decision-making by the local commanders.
- Technical solutions may already be available, such as IP-routing and relay via air and surface platforms of the ESG.
- Marine Corps is looking for Navy partners to codify these processes in doctrine and tactics-techniques-and-procedures.
- DoN should synchronize the acquisition programs and program requirements to provide the required capabilities.

What's the Urgency?

- Navy acquisition programs to perform the STOM concept need to be in the POM-08 budget.
- An integrated architecture for a network to support STOM from an ESG needs to be completed and validated.
- The Expeditionary Fighting Vehicle high-speed amphibian goes to Milestone C in FY06, with IOC scheduled for FY09.

Recommendation

- ASN(RDA), working through the Chief Engineer, organize a working group in cooperation with the BISOG FO/GO, Virtual SYSCOM and other stakeholders, to synchronize the Navy and Marine Corps acquisition programs necessary to execute the STOM/OMFTS integrated architecture.
  - Proposed Working Group Membership: ASN(RDA[CHENG]), FORCEnet CHENG, PEO Ships, PEO C4&S, PEO A, CDR MCSC, DASN(L&MW), DASN(C4I), DRPM AAA, others.
  - BISOG FO/GO to coordinate DOT_LPF issues among OPNAV, HQMC, NETWARCOM, MCCDC.

Recommendation (continued)

- ASN(RDA), working through the Chief Engineer, organize a working group in cooperation with the BISOG FO/GO, Virtual SYSCOM and other stakeholders, to synchronize the Navy and Marine Corps acquisition programs necessary to execute the STOM/OMFTS integrated architecture. (continued)
  - RDA(CHENG) and/or FORCEnet CHENG formalize the STOM architecture using existing FORCEnet governance procedures.
    - EFV and MV-22 Integrated Architectures are provided from their NR-KPPs.